

## Abstract

The controllable electroporation system and method described herein allows control over the size, the number, the location, and the distribution of aqueous pores, thus increasing flexibility of use. The herein described system and method for controllable electroporation generally employs at least two actuating sub-systems and sub-processes. One sub-system and sub-process employs a relatively broad effect in order to weaken the membrane, a broad effect sub-system. Another sub-system and sub-process employs a relatively narrow effect in order to localize the position of the pore in the membrane, a narrow effect sub-system.